

WO 00/36308

PCT/DE99/033

13

P A T E N T C L A I M S

1. Detachable connection of two elements, between
which at least one bolt is arranged and which is
fixed at at least one end via a tensioning body
attached to the element, the tensioning body
being rotatable with respect to the element
about an axis extending essentially
perpendicular to the bolt and the tensioning
body being fixed in any rotational position with
respect to the bolt and/or to the element by
adhesion wherein the fastening of the bolt (3)
on the tensioning body (1) is rotatable about an
axis that is distanced from the axis of the
tensioning body (1) and approximately parallel
thereto.
2. Connection according to claim 1, wherein the
bolt (3) is fastened at its other end to the
other element.
3. Connection according to claim 1, wherein
- the bolt (3) is fixed at its other end by
means of a further tensioning body attached
to the other element,
 - the other tensioning body is rotatable with
respect to the other element about an axis
extending essentially perpendicular to the
bolt,

- 5
- the fastening of the bolt (3) to the other tensioning body is rotatable about an axis distanced from the axis of this tensioning body and approximately parallel thereto, and
 - the other tensioning body is fixed in any rotational position with respect to bolt (3) and/or the other element by adhesion.
- 10
4. Connection according to one of the preceding claims, wherein the adhesion is frictional locking.
- 15
5. Connection according to one of the preceding claims, wherein the bolt (3) penetrates at least one of the elements along a certain length.
- 20
6. Connection according to one of the preceding claims, wherein the bolt (3) penetrates a third element that is arranged between the two elements.
7. Connection according to one of the preceding claims, wherein the tensioning body (1) is accommodated in a cavity of the element that fixes the tensioning body (1) at both sides in the longitudinal direction of the bolt (3).

WO 00/36308

PCT/DE99/033

15

8. Connection according to one of the preceding claims, wherein the connection between bolt (3) and tensioning body (1) is produced by means of a retaining head (2), which is attached detachably to the bolt (3) and rotatable relative to the tensioning body (1).

9. Connection according to claim 8, wherein the retaining head (2) is also detachably connected to the tensioning body (1).

10. Connection according to claim 8 or 9, wherein the retaining head (2) has a slot (7) extending essentially in the axial direction of the tensioning body (1), whose flanks engage on both sides of the bolt (3) in a groove (8) extending in an azimuthal direction of the bolt (3).

11. Connection according to claim 10, wherein the azimuthally extending groove (8) of the bolt (3) is a surrounding annular groove.

12. Connection according to one of the preceding claims, wherein the bolt (3), at its end, and/or the retaining head (2) is accommodated in an extra-axial cavity (4) of the tensioning body (1) and is fixed in the longitudinal direction of the bolt (3).

WO 00/36308

PCT/DE99/033

16

13. Connection according to one of the preceding claims, wherein the bolt (3) penetrates an azimuthally extending slot (5) of the tensioning body (1).
- 5 14. Connection according to claim 13, wherein there extends between an axial end face of the tensioning body (1) and the azimuthally extending slot (5) of the tensioning body (1) an essentially axial slot (6), whose width is
- 10 greater than the diameter of the bolt (3).
- 15 15. Connection according to one of the preceding claims, wherein a cavity of the element and/or of the tensioning body (1) and/or the tensioning body (1) itself and/or the retaining head (2) is formed so as to be essentially cylindrical.
16. Connection according to one of the preceding claims, wherein a cavity of the element and/or of the tensioning body (1) is open on an axial end face.
- 20 *SA* 17. Connection according to one of the preceding claims, wherein a cavity of the element and/or of the tensioning body (1) is closed on an axial end face.

*add 027**add B₁*